M. A. R. 57 (Rule 116) **No. E** 536001

Measurement Book

Serial No. ..... 2nd and final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Executive Engineer, ICRISAT, Bangalore.....

Date of commencement of work..... D-o-Recordg. 18.09.2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :	Development of park at Hegdenagar in Ward No-06 Byatarayanpura sub-Division.					
	Estimated cost Rs	5.00 Lakh.					
	JOB. NO =	006-18-000068					
	Work order no =	BBMP/EE/BYP/WO/74/2017-18.Dt.					27-02-2018.
(1)	Earth work in surface levelling and lowering the	Excavation is ordered and for ground manually (other than					

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and removing the Excavated stuff to a distance not exceeds 50m and lift upto 1.500m, Excavated surface levelled & neatly dressed, disposed Earth to be levelled after breaking clods and neatly dressed as per specifications.						
					qty shall this MB p. 53680		
					Item (1):	165.00 m³ @ 166.42/m³	27459.-
27	Lead for Earthwork and disposal of debris shall be payable at Carriage rates by mechanical means including loading and unloading for Earthwork Complete with all lead and lift and as per the directions of Engineer-in-charge.						

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M. A. R. 57 (Rule 116) No. E 536002

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of work.	qty as det at no. (1) : 165.00 m³ @ 100/m³					16,500.-
3]	Providg and layg in position plain cement concrete of mix 1:3:6 with ope @ 22.0 kgs with 20 mm and down size graded granite metal coarse aggregate @ 0.84 m³ and fine aggregate @ 0.56 m³ machine mixed concrete laid in layers not exceedg 150 mm thick well compacted in fndn, plinth, including curing all complete, (Above rate						

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M. A. R. 57 (Rule 116) **No. E** 536003

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With opc @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregate @ 0.878 y^3 and fine aggregate @ 0.534 y^3 machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundn, plinth and cills including cost of all materials, labours, tools & machinery curing complete as per specification.						
	Plat form	1	4.20	1.50	0.10	0.63	
		3	2.50	2.50	0.40	1.88	
		1	3.14	1.65	1.65 x 0.10	0.85	17302.00
						3.36 y^3	
	@ 5767.46/ y^3					Ltd to. 3.00 y^3	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	b) Providing and laying/fixing cement base, precast pre-polished cement concrete, designer tiles 25 mm thick for flooring conforming to IS-1237, heavy duty tiles for flooring treads of steps and landings, laid on bed of 12 mm thick cement mortar 1:3 finished with flush pointing using white cement, including costings, materials, labours, mortar, including cutting, grinding the edge to hold/Full Round wherever required, labour, curing complete as per specifications.						
		1	4.20	1.50	-	6.3042	
		3	2.00	2.50	-	18.75	

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M. A. R. 57 (Rule 116) **No. E** 536004

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.14	1.65 x 1.65	=	8.55	
						33.60 m²	
		@ 1150.10/m²		Ltd to		31.00 m²	35,653.00
7)	Providing and laying pre-cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom widths 11cm and 16cm wide respectively, 400mm high and 450mm long finished with CM 1:3, planting and finishing cutting, including formwork curing, including costs of all materials, labour, hire charges of machinery, loading unloading lead and lift						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	transportation etc complete.	2	4.20	-	-	8.40	
		2	1.50	-	-	3.00	
		12	2.50	-	-	30.00	
		1	3.14	3.30	-	10.36	
						51.76 sqm	
			No. of kerbs		= 51.76	0.45 = 115.03	
			Add for		111 nos =	33.78 sqm.	
8)	Providing children play standard Rocking 2 seater Equipment, this Equipment is made out of main beam 90mm M.S pipe B' class of length 1.48mtr, with 2 handles welded at the ends as a hand are made of 20mm B' class pipe, the main beam protected to the bottom supports of 40mm M.S						36828.00

M. A. R. 57 (Rule 116) **No. E** 536005

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	by bush bearing clamped by pipe joints which stand on 28mm dia steel shafts, which gets installed in the ground by means of Concrete 2 nos, seats are made of 250mm & 200mm x 8 SWG M.S sheets with 1 hand Rest at the front. Air pipes are of ISI grade. All the pipes are painted with 2 coats of superset paint over a Coat of protective - Zinc chromate Yellow oxide mixed giving the play Equipment to CC 1:2:4 using the						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete with all lead, lift, loading, unloading and any other incidental charges and as per the drawing and specifications and direction of Engineer-in-charge of the work.						
		1 no	–	–	–	1 no, @ 28,000/-	R. 28,000.-
(M)	Providing children play standard duals wheel Equipment. This is a merry reciver made out of 4 feet diameter plate form with 1.5mm thick aluminium chequered plate						

M. A. R. 57 (Rule 116) No. E 536006
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Supported well at the bottom, there is a 100mm dia MS pipe at the centre with 2 Nos of bell brass 2 mm LDPE. duals and 1 no of plathe sheet flat seats, all supported by vertical pillars of size 25mm NB pipe. The 100 rings are in 25mm pipe and bottom circular ring are of 32 mm NB pipes. All pipes are of ss grade All the pipes are painted with 2 coats of suppa sett						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	paint over a coat of protective Zinc Chromate yellow oxide including fixing the play Equipment in C.C 1:2:4 cuing etc Complete with all lead, Lift loading, unloading and any incidental charges required for the successful Completion of the work.						
	Dasarahally - park near Temple	1 No	—	—	—	1 No. @ 68,000/-	68,000.-
10)	2 - Seater - Swing - this Swing Consists of 2 Nos, Seat of solid fibbed fp of supported by M.S. chain (heavy)		Size	4'0" x 1'8" x	3'-5" long length 7.8 Mts		

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M. A. R. 57 (Rule 116) No. E 536007

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	each deck is suspended by 2 nos of chains. the chains are supported by circular housing with bearing from which the chain is suspended. the main beam is of 500 mm M.S channel pipe. SQ cut M.S Chain 30 mm x 20 mm x 5 mm thick. the 2 Nos inverted 'V' beams are of 50 mm D' class pipes secured at the top the main beam by means of castings. (Heavy duty for elderly) All pipes are of ISI						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	grade. All the pipes are painted with 2 coats of super set paint over a coat of protective zinc chromate yellow oxide.						
		1 No	–	–	–	1 No	46,000.00
						@ 46,000/-	
11)	Providing children play standard steel Equipment: made out of M.S. 'B' class pipe. main frame are in 25mm and other railings are in 20mm, 1.50mtrd 3.00mt long x 0.45m width, sturdy surface filled with S.S. sheet. All pipe are of ISI grade. All the pipes						

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M. A. R. 57 (Rule 116) **No. E** 536008

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	are painted with 2 coats of superior paint over a coat of protective zinc chromate yellow oxide. Including fixing the play equipments in C.C 1:2:4 Cuttings Complete with all lead with loading, unloading and any other incidental charges and as per the drawing and specifications and directions of the Engineer in charge of the work.						
	cfo PC	2 Nos	—	—	—	2 Nos @ 28,000/-	56,000.00

ಸಹಾಯಕ ಆಯುಕ್ತರು/ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು
ಬೃಹದ್ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-24

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total - Rs.		4,48,777.00
				Add	ICRISAT - Charges etc.		44,878.00
				Add	Labour Cess @ 1%		4488.00
						Total Rs	4,98,143.00

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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